

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	20	US-3830732-\$.DID. OR US-3852207-\$.DID. OR US-3904513-\$.DID. OR US-3923636-\$.DID. OR US-4125459-\$.DID. OR US-4157294-\$.DID. OR US-4440871-\$.DID. OR US-4673487-\$.DID. OR US-4747932-\$.DID. OR US-4923424-\$.DID. OR US-4925558-\$.DID. OR US-5135638-\$.DID. OR US-5158665-\$.DID. OR US-5282958-\$.DID. OR US-6001886-\$.DID. OR US-6317654-\$.DID. OR US-6337010-\$.DID. OR US-6468418-\$.DID. OR US-6569313-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 13:38

## EAST Search History

S4	743	("1166464"   "1269520"   "1560981"   "1600203"   "1648677"   "1944825"   "1988713"   "2232977"   "2270044"   "2481374"   "2500757"   "2782169"   "2914470"   "2960458"   "2967147"   "2985580"   "2985586"   "2993002"   "3044954"   "3093576"   "3189540"   "3227661"   "3276887"   "3303125"   "3317419"   "3355246"   "3399132"   "3432320"   "3443892"   "3475072"   "3487005"   "3510189"   "3530061"   "3542696"   "3576735"   "3579437"   "3585435"   "3617475"   "3627675"   "3629096"   "3649523"   "3666657"   "3666931"   "3684684"   "3686488"   "3702817"   "3730876"   "3732156"   "3775292"   "3779902"   "3791964"   "3793186"   "3808020"   "3828171"   "3830732"   "3852207"   "3862026"   "3867279"   "3870622"   "3876522"   "3917566"   "3923883"   "3941680"   "3941871"   "3962071"   "3968024"   "4005324"   "4024425"   "4032808"   "4053744"   "4061724"   "4099081"   "4118588"   "4148713"   "4157294"   "4158621"   "4162962"   "4181597"   "4183801"   "4213662"   "4283272"   "4310440"   "4325804"   "4325805"   "4342662"   "4347121"   "4349394"   "4361477"   "4364839"   "4367364"   "4370219"   "4374296"   "4394251"   "4414097"   "4419220"   "4421634"   "4440871"   "4448673"   "4448675"   "4474618"   "4517057"   "4518485"   "4561967"   "4574043"   "4608151"   "4610695"   "4610778"   "4627908"   "4673487"   "4686029"   "4689138"   "4727286"   "4757833"   "4794534"   "4810221"   "4851109"   "4859311"   "4859312"   "4864805"   "4866632"   "4867862"   "4869806"   "4877581"   "4898660"   "4906351").PN. OR ("4913794"   "4917789"   "4917876"   "4919788"   "4921594"   "4939977"   "4943424"   "4950382"   "4956521"   "4975177"   "4982052"   "4986894"   "4992159"   "5007997"   "5019661"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 13:53
3/17/2006 6:01:52 PM		"5046846"   "5082986"   "5122257"   "5135638"   "5149421"   "5260865"   "5275710"   "5282958"				Page 2

## EAST Search History

S6	76	(S2 or S4) and bright adj stock	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 14:47
S8	0	(S2 or S4) and bright adj stock and 208/127.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 13:55
S9	22	(S2 or S4) and bright adj stock and 208/27.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 13:56
S10	21	(S2 or S4) and bright adj stock and 208/58.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 13:55
S11	4	(S2 or S4) and bright adj stock and 208/27.ccls. and feed with residu\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 14:05
S12	0	(S2 or S4) and bright adj stock and 208/27.ccls. and feed with (hydrocrack\$4 near residu\$4 or hydrocrack\$4 near deasphalt\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 14:06
S13	2	bright adj stock and 208/27.ccls. and feed with (hydrocrack\$4 near residu\$4 or hydrocrack\$4 near deasphalt\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 14:07
S14	4	bright adj stock and (208/27.ccls. or 208/58) and feed with (hydrocrack\$4 near residu\$4 or hydrocrack\$4 near deasphalt\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 17:20
S15	0	bright adj stock and feed with (hydrocrack\$4 near residu\$4 or hydrocrack\$4 near deasphalt\$4) and hydrocracking and hydroisomeriz\$4 with dewax\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 17:21
S16	1	bright adj stock and feed same (hydrocrack\$4 near residu\$4 or hydrocrack\$4 near deasphalt\$4) and hydrocracking and hydroisomeriz\$4 with dewax\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 14:25
S17	1	bright adj stock and feed with (hydrocrack\$4 near residu\$4 or hydrocrack\$4 near deasphalt\$4) and hydrocracking and hydroisomeriz\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 14:25
S18	6	S2 and bright adj stock	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 14:32
S19	36	(S2 or S4) and bright adj stock and feed with heavy	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 16:02

## EAST Search History

S20	20	US-3830732-\$.DID. OR US-3852207-\$.DID. OR US-3904513-\$.DID. OR US-3923636-\$.DID. OR US-4125459-\$.DID. OR US-4157294-\$.DID. OR US-4440871-\$.DID. OR US-4673487-\$.DID. OR US-4747932-\$.DID. OR US-4923424-\$.DID. OR US-4925558-\$.DID. OR US-5135638-\$.DID. OR US-5158665-\$.DID. OR US-5282958-\$.DID. OR US-6001886-\$.DID. OR US-6317654-\$.DID. OR US-6337010-\$.DID. OR US-6468418-\$.DID. OR US-6569313-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 16:03
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## EAST Search History

S21	743	("1166464"   "1269520"   "1560981"   "1600203"   "1648677"   "1944825"   "1988713"   "2232977"   "2270044"   "2481374"   "2500757"   "2782169"   "2914470"   "2960458"   "2967147"   "2985580"   "2985586"   "2993002"   "3044954"   "3093576"   "3189540"   "3227661"   "3276887"   "3303125"   "3317419"   "3355246"   "3399132"   "3432320"   "3443892"   "3475072"   "3487005"   "3510189"   "3530061"   "3542696"   "3576735"   "3579437"   "3585435"   "3617475"   "3627675"   "3629096"   "3649523"   "3666657"   "3666931"   "3684684"   "3686488"   "3702817"   "3730876"   "3732156"   "3775292"   "3779902"   "3791964"   "3793186"   "3808020"   "3828171"   "3830732"   "3852207"   "3862026"   "3867279"   "3870622"   "3876522"   "3917566"   "3923883"   "3941680"   "3941871"   "3962071"   "3968024"   "4005324"   "4024425"   "4032808"   "4053744"   "4061724"   "4099081"   "4118588"   "4148713"   "4157294"   "4158621"   "4162962"   "4181597"   "4183801"   "4213662"   "4283272"   "4310440"   "4325804"   "4325805"   "4342662"   "4347121"   "4349394"   "4361477"   "4364839"   "4367364"   "4370219"   "4374296"   "4394251"   "4414097"   "4419220"   "4421634"   "4440871"   "4448673"   "4448675"   "4474618"   "4517057"   "4518485"   "4561967"   "4574043"   "4608151"   "4610695"   "4610778"   "4627908"   "4673487"   "4686029"   "4689138"   "4727286"   "4757833"   "4794534"   "4810221"   "4851109"   "4859311"   "4859312"   "4864805"   "4866632"   "4867862"   "4869806"   "4877581"   "4898660"   "4906351").PN. OR ("4913794"   "4917789"   "4917876"   "4919788"   "4921594"   "4939977"   "4943424"   "4950382"   "4956521"   "4975177"   "4982052"   "4986894"   "4992159"   "5007997"   "5019661"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 16:03
3/17/2006 6:01:52 PM		"5046846"   "5082986"   "5122257"   "5135638"   "5149421"   "5260865"   "5275710"   "5282958"				Page 5

## EAST Search History

S22	1	(S20 or S21) and bright adj stock and feed with heavy with sulfur with nitrogen	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 16:03
S23	28	("3894938"   "4176050"   "4181598"   "4222855"   "4229282"   "4247388"   "4440871"   "4605488"   "4810357"   "4859311"   "4921594"   "4943424"   "5135638"   "5149421"   "5246566"   "5413695"   "5453176").PN. OR ("5833837").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 16:59
S24	22	S23 and distillation	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 17:01
S25	9	S23 and distillation and bright	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 17:01
S26	11	(bright adj stock or base adj stock) and (208/27.ccls. or 208/58) and feed with (hydrocrack\$4 near residu\$4 or hydrocrack\$4 near deasphalt\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 17:20
S27	4	(bright or base) adj stock and feed with (hydrocrack\$4 near residu\$4 or hydrocrack\$4 near deasphalt\$4) and hydrocracking and hydroisomeriz\$5 with dewax\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 17:23
S28	69	(bright or base) adj stock and feed with nitrogen with sulfur and hydrocracking and hydroisomeriz\$5 with dewax\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/16 17:25
S29	33	(bright or base) adj stock and feed with nitrogen with sulfur and feed with (separation or distillation) and hydrocracking and hydroisomeriz\$5 with dewax\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/17 10:36
S30	20	(bright or base) adj stock and feed with nitrogen with sulfur and feed with (hydrocrack\$4 with residu\$4 or hydrocrack\$4 with deasphalt\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/17 10:38